

*cont A1*

said second stream at said detection station wherein the latter medium is varied by variations in the composition of matter of said second stream at the latter transverse section, and obtaining from said detection station second detection data as to a constituent of said second stream, and wherein the varied medium from both of the first and second stream is received by a receiving device common to both streams.

*A/* ✓ Claims 148-150, line 1 cancel "147" and insert --172--;

Rewrite claim 155 as follows:

173. Apparatus for automatically inspecting matter for varying composition, comprising a detection station through which first and second streams of matter pass simultaneously with each other, first and second emitting means serving to emit detection medium to be active at respective transverse sections of said first and second streams at said detection station, a receiving device serving to receive detection medium varied by variations in the composition of said matter at said sections and thus being common to both of the first and second streams, and detecting means arranged to be in communication with said receiving device and serving to produce first detection data and second detection data as to respective constituents of said first and second streams at said station.

✓ Claims 156 and 159, line 1 cancel "155" and insert --175--;

Rewrite claim 167 as follows:

*Sub 1707  
C3  
D5* ✓ 174. Apparatus for automatically inspecting matter for varying composition, comprising a detection station through which <sup>A/B</sup> said stream passes, emitting means serving to emit a detection medium to be active at a transverse section of said stream at said station, receiving means at said station arranged to extend physically across substantially the width of said stream serving to receive detection medium varied by variations in the composition of said matter at said section, detecting means arranged to be in communication with said receiving means and serving to generate detection data in dependence upon the variations in said medium, and data-obtaining means connected to said detecting means and serving to obtain said detection data therefrom, wherein said station is a metal-detection stations,